M.R.O. 1—20,002—12-3-65.

(1) Number of Pages 84

(2) Date of repair 13-9-68

(3) Initials of the Referencer S. 268

MADRAS RECORD OFFICE

GOVERNMENT OF MADRAS

Revenue DEPARTMENT

G.O. No.	2086	Press
B.P. No.		Mis.

Dated 7-10-1825 196 .

Not to be folded or roughly handled

No. 359. Read the following:—

TAMBRAPURNI IRRIGATION—CAPITAL, ORDINARY—ARIYANAIKAPURAM SECTION.

ABSTRACT ESTIMATE, No 2 OF 1875-76.

Tinnevelly District, Ambasamudrum Taluq.

WORK.—Constructing a Head-sluice for the Kodagan Channel.

Quantity.	Description of Work.	Rate.	Amount.	Total.
		RS. A. P.	RS. A. P.	RS.
88	C. yards of concrete in hydraulic mortar, at	3 8 0	308 0 0	
111⅝	„ of brick in do., at	5 8 0	614 10 0	
424½	„ of brick in mortar, at	5 0 0	2,122 8 0	
55	„ of cutstone in mortar and pointed with Portland cement for flooring, at ...	21 0 0	1,155 0 0	
46	C yards of do. do. for casing, at	22 0 0	1,012 0 0	
8¾	„ of do. do. for coping, at... ...	27 0 0	236 4 0	
28½	„ of archwork including centring, at	6 8 0	185 4 0	
3,187	Square feet of pointing per square... ...	4 0 0	127 7 8	
105¼	Cubic yards of loose rough-stone, at ...	2 0 0	210 8 0	
20	Cubic feet of Vangay or Congoowoodwrought and put up, at	3 8 0	70 0 0	
4	Teakwood shutters with iron lifting bolts and all fittings, &c., complete, at... ...	250 0 0	1,000 0 0	
	Excavation for foundation and filling in ...	...	200 0 0	
	Temporary embankment	...	200 0 0	
	Baling	...	200 0 0	
	Lascars' huts...	...	150 0 0	
			7,791 9 8	
	Scaffolding, sundries, and contingencies ...	...	258 6 4	
	Extra establishment	...	150 0 0	
				8,200
	Constructing an embankment to prevent the Volleday water outflanking the new head-sluice to the Kodagan Channel.			
29,857	Cubic yards of earth, at	0 1 3	2,332 9 3	
2	Acres of nunjah (compensation), at ...	500 0 0	1,000 0 0	
	Levelling, tamping and sundries, and providing escapes for water	...	117 6 9	
	Extra establishment	...	50 0 0	
				3,500
	Total Estimate ...	...	...	11,700

No. 1,053.

Note by the Chief Engineer for Irrigation.

IN G. O., No. 3,193, of the 11th November 1874, an estimate of Rupees 7,250 was sanctioned for constructing a head-sluice for the regulation of the supply to the Kodagan Channel from the Tambrapurni, and, as in the case of the Palleru Channel head-sluice, attention was called in the note on the estimate to the necessity for

ascertaining accurately maximum flood level and providing a sufficient margin thereabove. Revised arrangements for the Paliem head-sluice have recently been sanctioned,* and the Officiating District Engineer has now transmitted a revised design for the Kodagan head-sluice, and an estimate, amounting to Rupees 11,700, showing an increase of Rupees 4,450.

* G. O., No. 2,502, dated 1st September 1875.

2. The alteration of the sluice so as to place its roadway 3 feet above maximum-ascertained flood level accounts for only Rupees 950 of the excess, while Rupees 3,500 are required for flood banks in connection with the sluice to prevent the latter being turned. The roadway will now be 15·72 feet above the mean level of the crest of the Ariyanaikapuram Anicut, and the revised arrangements having been based on careful investigations checked by levels, there is good reason for supposing that the intended object of the works will be fully secured. No sections of the flood bank have been forwarded, neither has its direction and extent been shown on the site plan. Its top should be made up in the first instance to 1 foot above the sluice roadway to allow for settlement, and all unequal settlements should be made good, so that the proper level may be permanently maintained.

OOTACAMUND, *15th September* 1875. (Signed) JOHN MULLINS, Lieut.-Colonel, R.E., *Chief Engineer for Irrigation.*

No. 360. ORDER THEREON, 16th September 1875, No. 2,603.

IRRIGATION, No. 34-A.
Account.

UNDER the circumstances reported, the revised estimate of Rupees 11,700 for the Kodagan Channel Head-sluice and for the flood bank therewith connected is sanctioned, in lieu of that for Rupees 7,250 approved in G. O., No. 3,193, of the 11th November 1874.

(True Extract.)

(Signed) G. W. WALKER, Major-General, R.E., *Secretary to Government.*

True Copy

To the District Engineer, Tinnevelly.
" Chief Engineer for Irrigation.
" Controller of Public Works Accounts.
" Revenue Deptt
" Collector of Tinnevelly

True Copy
Secretary to Govt

Extd. H. C. Shunker.
Sworn Copies

Rev: 1875: Dept
No 3654

Govt. of (1875) Madras.

PUBLIC WORKS.

To

THE DISTRICT ENGINEER,

TINNEVELLY.

&c. &c. &c.

Dated Secretariat, Madras,

Received

Read Oct. 6th Entd.

Order of Government, No. 3,054.

SEPTEMBER.

Nos. 359-360

1 Letter Proceedings Revenue dated

No 2056
Comm.r & Bd
Board of Revenue
7 Oct/75.

Re Repair Channel Headsluices, Tinnevelly Division.—The revised estimate of Rs. 31,750 for reconstructing the —and for the flood bank between the second and third sluices in lieu of that for Rs. —, 7,240 approved in G. O., No. 3,103, dated 17th November 1874.